

Sheet No.

Box No. VIII (iv) DECLARATION: INVENTORSHIP (only for the purposes of the designation of the United States of America)

The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should not be included in the request.

**Declaration of inventorship (Rules 4.17(iv) and 51bis. 1(a)(iv))
for the purposes of the designation of the United States of America:**

I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.

This declaration is directed to the international application of which it forms a part (if filing declaration with application).

This declaration is directed to international application No. PCT/GB03/002864 (if furnishing declaration pursuant to Rule 26ter).

I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.

I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications," by application number, country or Member of the World Trade Organization, day, month and year of filing, any application for patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.

Prior Applications: US 60/393,121 filed 3 July 2002; GB 0215383.1 filed 3 July 2002;
GB 0226149.3 filed 8 November 2002

I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name: Murray, Christopher William
Residence: Cambridge, United Kingdom *GBX*
(city and either US state, if applicable, or country)

Mailing Address: Astex Technology Limited, 436 Cambridge Science Park, Milton Road,
Cambridge, CB4 0QA, United Kingdom

Citizenship: United Kingdom

Inventor's Signature:
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date: 22/9/03
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

Name: Hartshorn, Michael John
Residence: Cambridge, United Kingdom *GBX*
(city and either US state, if applicable, or country)

Mailing Address: Astex Technology Limited, 436 Cambridge Science Park, Milton Road,
Cambridge, CB4 0QA, United Kingdom

Citizenship: United Kingdom

Inventor's Signature:
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date: 22/9/03
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

This declaration is continued on the following sheet, "Continuation of Box No. VIII (iv)".

of the Box in which the space was insufficient. If additional space is needed in respect of two or more declarations, a separate continuation box must be used for each such declaration. If this Box is not used, this sheet should not be included in the request

Continuation of Box No. VIII (iv) DECLARATION OF INVENTORSHIP
(only for the purposes of the designation of the United States of America)

Name: Frederickson, Martyn

Residence: Cambridge, United Kingdom (✓)
 (city and either US state, if applicable, or country)

Mailing Address: Astex Technology Limited, 436 Cambridge Science Park, Milton Road,
 Cambridge, CB4 0QA, United Kingdom

Citizenship: United Kingdom

Inventor's Signature:
 (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date:

(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

Name: Congreve, Miles Stuart

Residence: Cambridge, United Kingdom (✓)
 (city and either US state, if applicable, or country)

Mailing Address: Astex Technology Limited, 436 Cambridge Science Park, Milton Road,
 Cambridge, CB4 0QA, United Kingdom

Citizenship: United Kingdom

Inventor's Signature:
 (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date:

(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

Name: Padova, Alessandro

Residence: Rome, Italy.
 (city and either US state, if applicable, or country)

Mailing Address: Viale Don Pasquino Borghi 150, 00144, Rome, Italy.

Citizenship: Italian

Inventor's Signature: Alessandro Padova
 (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date: 3/9/2003

(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

Name: Woodhead, Steven John

Residence: Cambridge, United Kingdom
 (city and either US state, if applicable, or country)

Mailing Address: Astex Technology Limited, 436 Cambridge Science Park, Milton Road,
 Cambridge, CB4 0QA, United Kingdom

Citizenship: United Kingdom

Inventor's Signature:
 (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date:

(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

of the Box in which the space was insufficient. If additional space is needed in respect of two or more declarations, a separate continuation box must be used for each such declaration. If this Box is not used, this sheet should not be included in the request

Continuation of Box No. VIII (iv) DECLARATION OF INVENTORSHIP
(only for the purposes of the designation of the United States of America)

3
Name: Frederickson, Martyn

Residence: Cambridge, United Kingdom GBX
(city and either US state, if applicable, or country)

Mailing Address: Astex Technology Limited, 436 Cambridge Science Park, Milton Road,
Cambridge, CB4 0QA, United Kingdom

Citizenship: United Kingdom

Inventor's Signature: M. Frederickson
(if not contained in the request, or if declaration is corrected or
added under Rule 26ter after the filing of the international
application. The signature must be that of the inventor, not that of
the agent)

Date: 29/08/2003

(of signature which is not contained in the request, or of the
declaration that is corrected or added under Rule 26ter after the
filing of the international application)

4
Name: Congreve, Miles Stuart

Residence: Cambridge, United Kingdom GBX
(city and either US state, if applicable, or country)

Mailing Address: Astex Technology Limited, 436 Cambridge Science Park, Milton Road,
Cambridge, CB4 0QA, United Kingdom

Citizenship: United Kingdom

Inventor's Signature: Miles Congreve
(if not contained in the request, or if declaration is corrected or
added under Rule 26ter after the filing of the international
application. The signature must be that of the inventor, not that of
the agent)

Date: 29 Aug 03

(of signature which is not contained in the request, or of the
declaration that is corrected or added under Rule 26ter after the
filing of the international application)

5
Name: Padova, Alessandro

Residence: Roma, Italy ITX
(city and either US state, if applicable, or country)

Mailing Address: Viale Don Pasquino Borghi 150, 00144, Roma, Italy.

Citizenship: Italian

Inventor's Signature:
(if not contained in the request, or if declaration is corrected or
added under Rule 26ter after the filing of the international
application. The signature must be that of the inventor, not that of
the agent)

Date:

(of signature which is not contained in the request, or of the
declaration that is corrected or added under Rule 26ter after the
filing of the international application)

6
Name: Woodhead, Steven John

Residence: Cambridge, United Kingdom GBX
(city and either US state, if applicable, or country)

Mailing Address: Astex Technology Limited, 436 Cambridge Science Park, Milton Road,
Cambridge, CB4 0QA, United Kingdom

Citizenship: United Kingdom

Inventor's Signature: Steven John Woodhead
(if not contained in the request, or if declaration is corrected or
added under Rule 26ter after the filing of the international
application. The signature must be that of the inventor, not that of
the agent)

Date: 26/08/03

(of signature which is not contained in the request, or of the
declaration that is corrected or added under Rule 26ter after the
filing of the international application)

Continuation of Box No. VIII (i) to (v) DECLARATION

If the space is insufficient in any of Boxes Nos. VII (i) to (v) to furnish all the information, including in the case where more than two inventors are to be named in Box No. VIII (iv), in such case, write "Continuation of Box No. VIII..." (indicate the item number of the Box) and furnish the information in the same manner as required for the purposes of the Box in which the space was insufficient. If additional space is needed in respect of two or more declarations, a separate continuation box must be used for each such declaration. If this Box is not used, this sheet should not be included in the request

**Continuation of Box No. VIII (iv) DECLARATION OF INVENTORSHIP
(only for the purposes of the designation of the United States of America)**Name: Gill, Adrian, LiamResidence: Cambridge, United Kingdom *G BX*
(city and either US state, if applicable, or country)Mailing Address: Astex Technology Limited, 436 Cambridge Science Park, Milton Road,
Cambridge, CB4 0QA, United KingdomCitizenship: United KingdomInventor's Signature: *[Signature]*
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)Date: 02/09/03
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)Name: Woodhead, Andrew JamesResidence: Cambridge, United Kingdom *G BX*
(city and either US state, if applicable, or country)Mailing Address: Astex Technology Limited, 436 Cambridge Science Park, Milton Road,
Cambridge, CB4 0QA, United KingdomCitizenship: United KingdomInventor's Signature: *[Signature]*
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)Date: 29/03
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**POWER OF ATTORNEY
and
CORRESPONDENCE ADDRESS
INDICATION FORM**

Application Number	PCT/GB2003/002864
Filing Date	January 3, 2005
First Named Inventor	Murray, Christopher
Title	3-'(Hetero)Aryl....
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	620-354

I hereby appoint:

Practitioners associated with the Customer Number:

23117

OR

Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

The address associated with the above-mentioned Customer Number:

OR

The address associated with Customer Number:

OR

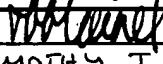
<input type="checkbox"/>	Firm or Individual Name			
Address				
Address				
City	State		Zip	
Country				
Telephone	Fax			

I am the:

Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Signature		Date	7/02/05
Name	TIMOTHY J HAWINGS	Telephone	01223 226200
Title and Company	CHIEF EXECUTIVE		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

*Total of 2 forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: ASTEX TECHNOLOGY LIMITED
 Application No./Patent No.: PCT/GB2003/002864 Filed/Issue Date: January 3, 2005

Entitled: 3-'(HETERO) ARYLMETHOXY! PYRIDINES AND THEIR ANALOGUES AS P38 MAP KINASE INHIBITORS

ASTEX TECHNOLOGY LIMITED, a CORPORATION
 (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. the assignee of the entire right, title, and interest; or
2. an assignee of less than the entire right, title and interest.
 The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

A An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR
 B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
 The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
 The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
 The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

- Additional documents in the chain of title are listed on a supplemental sheet.
- Copies of assignments or other documents in the chain of title are attached.
 [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Signature

Printed or Typed Name

Title

Date

Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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COPY

**ASSIGNMENT OF INVENTION
AND INTELLECTUAL PROPERTY RIGHTS RELATING THERETO**

Parties:

1 'The Assignors'

CHRISTOPHER WILLIAM MURRAY
of 436 Cambridge Science Park, Milton Road, Cambridge CB4 0QA, United Kingdom

MICHAEL JOHN HARTSHORN
of 436 Cambridge Science Park, Milton Road, Cambridge CB4 0QA, United Kingdom

MARTYN FREDERICKSON
of 436 Cambridge Science Park, Milton Road, Cambridge CB4 0QA, United Kingdom

MILES STUART CONGREVE
of 436 Cambridge Science Park, Milton Road, Cambridge CB4 0QA, United Kingdom

STEVEN JOHN WOODHEAD
of 436 Cambridge Science Park, Milton Road, Cambridge CB4 0QA, United Kingdom

ADRIAN LIAM GILL
of 436 Cambridge Science Park, Milton Road, Cambridge CB4 0QA, United Kingdom

ANDREW JAMES WOODHEAD
of 436 Cambridge Science Park, Milton Road, Cambridge CB4 0QA, United Kingdom

2 'The Assignee' ASTEX TECHNOLOGY LIMITED

of 436 Cambridge Science Park, Milton Road, Cambridge CB4 0QA, United Kingdom

Recitals:

(A) The Assignors are the joint inventors with Alessandro Padova of the invention or inventions entitled INHIBITORS ("the Invention") for which International PCT Application No. PCT/GB03/002864 has been filed ("the PCT Application"),

(B) In pursuance of an agreement made between the parties before the PCT Application was filed the Assignors have agreed to assign to the Assignee for the consideration hereinafter mentioned all his rights title and interest in to and under the Invention, the PCT Application and the Priority Applications for all countries designated therein

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Operative provisions:

In consideration for the payment of £1.00 and other valuable consideration by the Assignee to the Assignors the receipt and sufficiency of which is hereby acknowledged by the Assignors:

1 The Assignors and each of them hereby sell and assign to the Assignee absolutely and free from incumbrances:

1.1 all of their respective rights title and interest in all countries of the world to and under the Invention and the PCT Application and all national and regional phases thereof and any and all divisionals, continuations and continuations-in-part of any of the aforesaid applications and any and all patents that may be granted pursuant thereto for the full period thereof including any re-issues, re-examinations, renewals, extensions and Supplementary Protection Certificates and including all rights and powers arising or accrued therefrom including the right to sue for damages and other remedies in respect of any infringement of any such rights before on or after the date hereof and to retain any damages obtained as a result of such action;

1.2 all such rights as they may have to apply for prosecute and obtain patents and other intellectual property protection anywhere in the world in respect of the Invention to the intent that the grant of any patents or other intellectual property protection for the Invention shall be in the name of and shall vest in the Assignee or its successors or assigns;

1.3 all such rights as they may have to claim priority from all patent applications (if any) from which priority is claimed in the PCT Application in any and all applications for patent protection for the Invention, such rights to be enjoyed by the Assignee with effect from the date of filing of the PCT Application;

to the intent that the Assignee shall have and hold the rights title and interest hereby assigned as fully and entirely as the same would have been held and enjoyed by the Assignors had this assignment not been made.

2 The Assignors and each of them hereby UNDERTAKE that at the request and cost of the Assignee or its successors or assigns they will at all times hereafter promptly do all such acts and execute all such documents (including but not limited to documents required to be signed by or on behalf of inventors in the course of any and all Canadian and United States patent applications which relate to the Invention and any and all divisionals, continuations and continuations-in-part of any such applications) as may be reasonably necessary or desirable to secure the vesting in the Assignee or its successors or assigns of all rights title and interest assigned to the Assignee hereunder and to confirm the title of the Assignee or its successors or assigns to all such rights title and interest and to assist in the resolution of any question concerning the Invention or any application for patent or other intellectual property protection for the Invention or any intellectual property protection granted pursuant to any such application.

3 The Assignors hereby request the relevant authorities in all countries of the world to issue any patents granted for the Invention in the name of the Assignee or its successors or assigns in accordance with this assignment.

4 This assignment and undertaking shall be binding upon the Assignors' heirs, executors, administrators, successors and/or assigns and shall enure to the benefit of any heirs, executors, administrators, successors and/or assigns of the Assignee.

IN WITNESS WHEREOF the parties have executed this assignment.

BEST AVAILABLE COPY

COPY

SIGNED by CHRISTOPHER WILLIAM MURRAY)

on: 2nd September 2003

) Signature: Christopher Murray

in the presence of: (Witness)

) CHRISTOPHER WILLIAM MURRAY

Signature: V. Murray

Name: JEFF YOUNG

Address: AT&T TECHNOLOGY
436 CAMBRIDGE SCIENCE PARK

SIGNED by MICHAEL JOHN HARTSHORN)

on: 29 Aug 2003

) Signature: M.J. Hartshorn

in the presence of: (Witness)

) MICHAEL JOHN HARTSHORN

Signature: T. Watson

Name: PAUL WATSON

Address:

SIGNED by MARTYN FREDERICKSON)

on: 29/08/2003

) Signature: M. Frederickson

in the presence of: (Witness)

) MARTYN FREDERICKSON

Signature: M. Frederickson M.F.) mjh

Name: MICHAEL JOHN HARTSHORN

Address: 5C MULBERRY CLOSE
CAMBRIDGE
UK

SIGNED by MILES STUART CONGREVE)

on: 29 Aug 03

) Signature: Miles Congreve

in the presence of: (Witness)

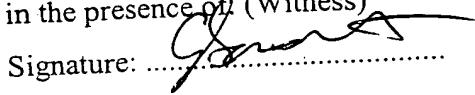
) MILES STUART CONGREVE

Signature: P. Newman

Name: GIANNI CHESSARI

Address: 436 Cambridge Science Park
Milton Road
Cambridge
CB4 0QA**BEST AVAILABLE COPY**

SIGNED by STEVEN JOHN WOODHEAD)
on: 26/08/03)
in the presence of: (Witness))

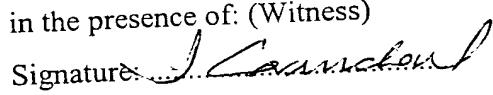
Signature: 

Name: DR. G. SAXTY

Address: 139 SCHOOL LANE
CAMBOURNE
CAMBRIDGE
CB3 6DR

SIGNED by ADRIAN LIAM GILL)
on: 02/09/03)

in the presence of: (Witness))

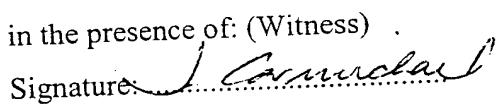
Signature: 

Name: JEREMY CARMICHAEL

Address: 436 CAMBRIDGE SC. PARK
MILTON RD
CB 4 0 QA

SIGNED by ANDREW JAMES WOODHEAD)
on: 29/03)

in the presence of: (Witness))

Signature: 

Name: JEREMY CARMICHAEL

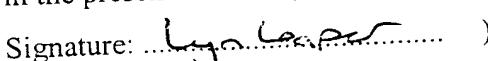
Address: 436 CAMBRIDGE SC. PARK
MILTON ROAD
CB 4 0 QA

SIGNED for and on behalf of)

ASTEX TECHNOLOGY LIMITED)

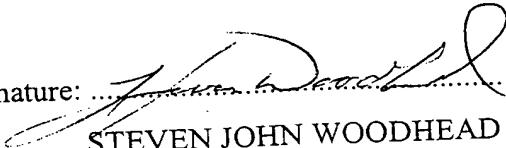
on: 29/03)

in the presence of: (Witness))

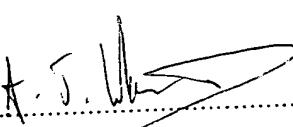
Signature: 

Name: LYN LEAPER.

Address: 436 Cambridge Science Park
Milton Rd
Cambridge
CB 4 0 QA

Signature: 
STEVEN JOHN WOODHEAD

Signature: 
ADRIAN LIAM GILL

Signature: 
ANDREW JAMES WOODHEAD

BEST AVAILABLE COPY

COPY

**ASSIGNMENT OF INVENTION
AND INTELLECTUAL PROPERTY RIGHTS RELATING THERETO**

Parties:

- 1 **'The Assignor'** **ALESSANDRO PADOVA**
 of*Viale Don Pasquino 150, 00144, Roma, Italy*.....
- 2 **'The Assignee'** **ASTEX TECHNOLOGY LIMITED**
 of 436 Cambridge Science Park, Milton Road, Cambridge CB4 0QA, United Kingdom

Recitals:

- (A) The Assignor is a joint inventor of the invention or inventions entitled INHIBITORS ("the Invention") for which International PCT Application No. PCT/GB03/002864 has been filed ("the PCT Application").
- (B) In pursuance of an agreement made between the parties before the PCT Application was filed the Assignor has agreed to assign to the Assignee for the consideration hereinafter mentioned all his rights title and interest in to and under the Invention, the PCT Application and the Priority Applications for all countries designated therein

Operative provisions:

In consideration for the payment of £1.00 and other valuable consideration by the Assignee to the Assignor the receipt and sufficiency of which is hereby acknowledged by the Assignor:

- 1 The Assignor hereby sells and assigns to the Assignee absolutely and free from incumbrances:

1.1 all his rights title and interest in all countries of the world to and under the Invention and the PCT Application and all national and regional phases thereof and any and all divisionals, continuations and continuations-in-part of any of the aforesaid applications and any and all patents that may be granted pursuant thereto for the full period thereof including any re-issues, re-examinations, renewals, extensions and Supplementary Protection Certificates and including all rights and powers arising or accrued therefrom including the right to sue for damages and other remedies in respect of any infringement of any such rights before on or after the date hereof and to retain any damages obtained as a result of such action;

1.2 all such rights as he may have to apply for prosecute and obtain patents and other intellectual property protection anywhere in the world in respect of the Invention to the intent that the grant of any patents or other intellectual property protection for the Invention shall be in the name of and shall vest in the Assignee or its successors or assigns;

1.3 all such rights as he may have to claim priority from all patent applications (if any) from which priority is claimed in the PCT Application in any and all applications for patent protection for the Invention, such rights to be enjoyed by the Assignee with effect from the date of filing of the PCT Application;

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COPY

to the intent that the Assignee shall have and hold the rights title and interest hereby assigned as fully and entirely as the same would have been held and enjoyed by the Assignor had this assignment not been made.

2 The Assignor hereby **UNDERTAKES** that at the request and cost of the Assignee or its successors or assigns he will at all times hereafter promptly do all such acts and execute all such documents (including but not limited to documents required to be signed by or on behalf of inventors in the course of any and all Canadian and United States patent applications which relate to the Invention and any and all divisionals, continuations and continuations-in-part of any such applications) as may be reasonably necessary or desirable to secure the vesting in the Assignee or its successors or assigns of all rights title and interest assigned to the Assignee hereunder and to confirm the title of the Assignee or its successors or assigns to all such rights title and interest and to assist in the resolution of any question concerning the Invention or any application for patent or other intellectual property protection for the Invention or any intellectual property protection granted pursuant to any such application.

3 The Assignor hereby requests the relevant authorities in all countries of the world to issue any patents granted for the Invention in the name of the Assignee or its successors or assigns in accordance with this assignment.

4 This assignment and undertaking shall be binding upon the Assignor's heirs, executors, administrators, successors and/or assigns and shall enure to the benefit of any heirs, executors, administrators, successors and/or assigns of the Assignee.

IN WITNESS WHEREOF the parties have executed this assignment.

SIGNED by ALESSANDRO PADOVA)

on: 3.9.03)

in the presence of: (Witness)

Signature: *Sabina Catancetti*

Name: *SABINA CATANORCHI*

Address: *VIA PEREGO, 60 - 00144 ROMA - ITALY*

) Signature: *Alessandro Padova*

ALESSANDRO PADOVA

SIGNED for and on behalf of)

ASTEX TECHNOLOGY LIMITED)

on: 25.11.04)

in the presence of: (Witness)

Signature: *Lyn Leaper*

Name: *LYN LEAPER*

Address: *Millstone*

Pynor L

Pynor

Cambs

CB6 2EE

) Signature: *TJ-Hawke*

Name: *TJ-HAWKE*

Position: *CEO*

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